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Date

Michigan Department of Agriculture / Pesticide & Plant Pest Management Division
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Michigan Cooperative Gypsy Moth Program TREATMENT AIRCRAFT INSPECTION REPORT

INSTRUCTIONS: The following questions require a "YES" or "NO" response. Items that are marked "NO" failed and must be corrected before the aircraft can be operated in this program. Explain ALL "NO" answers at the end of form.

Aircraft Number	Aerial Contractor	Pilot Name	Counties using this aircraft

GENERAL QUESTIONS	YES	NO
1. Aircraft engine has at least 15 flight hours in the previous two (2) months prior to the start of the spray project?		
2. Aircraft hopper is free from leaks & vented to outside of fuselage?		
3. Aircraft is equipped with a functional emergency dump valve, with a gallons-carried to surface area (in inches) ratio of 7.65 to 1 or less?		
4. Is the aircraft equipped with an accurate liquid-filled pressure gauge easily read by the pilot? Where?		
5. Aircraft is equipped with a functional suck-back mechanism capable of eliminating nozzle drip?		
6. Aircraft hopper is free of foreign material including other pesticides.		
7. Entire spray system is free from leaks?		
8. Entire spray system is clean and flushed with water?		
9. Spray system is equipped with an in-line strainer, no finer than 30 mesh, to filter material before it enters spray boom?		
10. Nozzles securely attached to the boom?		
11. Bleeder lines installed at each end of boom, feeding back to the outermost nozzle, or outermost nozzle attached within two (2) inches from end of boom?		
12. Rotary Atomizers (Micron air, Becomist, or similar field proven rotary atomizers)?		
13. Radio is equipped with a minimum of 720 receiving and transmitting channels?		
14. Aircraft is equipped with a function crash helmet headset microphone assembly?		

CALIBRATION/CHARACTERIZATION QUESTIONS	YES	NO
1. Boom has correct tag number.		
2. Boom and Tail number match with calibration set-up.		
3. Variable Restrictor Unit (VRU) /Orifice are set as calibrated for flow control.		
4. Blade angles are set as characterized.		

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Discussion of "NO" Answers

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MDA Inspector (signature)	DATE
Aerial Inspector (signature)	DATE